

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR091819WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Sep 17 18:25:32 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU034618.D 1 =VU034619.D 5 =VU034620.D
 10 =VU034621.D 20 =VU034622.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.356	0.357	0.368	0.391	0.421	0.379	7.19
3) T	Chloromethane	0.343	0.337	0.348	0.366	0.392	0.357	6.31
4) S	Vinyl Chloride-d3	0.401	0.356	0.385	0.414	0.432	0.398	7.35
5) T	Vinyl chloride	0.376	0.352	0.354	0.383	0.405	0.374	5.80
6) T	Bromomethane	0.203	0.173	0.172	0.182	0.201	0.186	7.99
7) S	Chloroethane-d5	0.349	0.287	0.309	0.328	0.342	0.323	7.76
8) T	Chloroethane	0.219	0.195	0.212	0.224	0.239	0.218	7.48
9) T	Trichlorofluorometh	0.477	0.456	0.470	0.522	0.553	0.496	8.20
10) T	1,1,2-Trichloro-1,2	0.265	0.259	0.268	0.290	0.310	0.279	7.63
11) S	1,1-Dichloroethene-	0.713	0.628	0.682	0.733	0.756	0.702	7.05
12) T	1,1-Dichloroethene	0.256	0.224	0.234	0.252	0.267	0.247	7.01
13) T	Acetone	0.083	0.076	0.069	0.073	0.077	0.076	6.90
14) T	Carbon disulfide	0.635	0.581	0.594	0.652	0.699	0.632	7.47
15) T	Methyl Acetate	0.220	0.155	0.176	0.185	0.187	0.184	12.64
16) T	Methylene chloride	0.409	0.312	0.292	0.308	0.320	0.328	14.14
17) T	Methyl tert-butyl E	0.824	0.839	0.831	0.876	0.947	0.864	5.88
18) T	trans-1,2-Dichloroe	0.270	0.234	0.237	0.260	0.280	0.256	7.90
19) T	1,1-Dichloroethane	0.626	0.555	0.611	0.646	0.689	0.626	7.84
20) S	2-Butanone-d5	0.093	0.083	0.100	0.104	0.109	0.098	10.34
21) T	2-Butanone	0.085	0.091	0.113	0.123	0.132	0.109	18.39
22) T	cis-1,2-Dichloroeth	0.338	0.316	0.327	0.355	0.378	0.343	7.11
23) T	Bromochloromethane	0.117	0.111	0.125	0.133	0.145	0.126	10.56
24) S	Chloroform-d	0.631	0.525	0.598	0.612	0.668	0.607	8.74
25) T	Chloroform	0.766	0.654	0.661	0.696	0.721	0.700	6.59
26) S	1,2-Dichloroethane-	0.356	0.326	0.332	0.347	0.367	0.346	4.89
27) T	1,2-Dichloroethane	0.372	0.370	0.398	0.422	0.452	0.403	8.65

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.489	0.493	0.516	0.552	0.585	0.527	7.79
30) T	Cyclohexane	0.529	0.527	0.542	0.579	0.594	0.554	5.53
31) T	Carbon tetrachlorid	0.375	0.403	0.418	0.458	0.491	0.429	10.65
32) S	Benzene-d6	1.323	1.165	1.334	1.395	1.436	1.330	7.77
33) T	Benzene	1.270	1.234	1.308	1.449	1.498	1.352	8.56
34) T	Trichloroethene	0.308	0.308	0.331	0.363	0.375	0.337	9.19
35) T	Methylcyclohexane	0.535	0.498	0.527	0.566	0.595	0.544	6.87
36) S	1,2-Dichloropropane	0.475	0.389	0.440	0.466	0.476	0.449	8.20
37) T	1,2-Dichloropropane	0.401	0.406	0.398	0.436	0.446	0.417	5.24
38) T	Bromodichloromethan	0.462	0.461	0.477	0.534	0.564	0.499	9.33
39) T	cis-1,3-Dichloropro	0.542	0.518	0.577	0.631	0.671	0.588	10.70
40) T	4-Methyl-2-pentanone	0.286	0.282	0.313	0.337	0.355	0.315	10.07
41) S	Toluene-d8	1.246	1.138	1.236	1.318	1.349	1.257	6.51
42) T	Toluene	1.365	1.345	1.412	1.559	1.624	1.461	8.48
43) S	trans-1,3-Dichlorop	0.176	0.166	0.172	0.195	0.199	0.182	7.93
44) T	trans-1,3-Dichlorop	0.441	0.422	0.460	0.512	0.549	0.477	11.02
45) T	1,1,2-Trichloroetha	0.245	0.251	0.258	0.278	0.295	0.265	7.76
46) S	2-Hexanone-d5	0.075	0.069	0.081	0.087	0.092	0.081	11.60
47) T	Tetrachloroethene	0.188	0.190	0.200	0.216	0.228	0.204	8.49
48) T	2-Hexanone	0.183	0.181	0.212	0.231	0.250	0.211	14.40
49) T	Dibromochloromethan	0.297	0.277	0.303	0.327	0.352	0.311	9.28
50) T	1,2-Dibromoethane	0.226	0.221	0.238	0.252	0.273	0.242	8.66
51) T	Chlorobenzene	0.878	0.836	0.902	0.953	1.009	0.916	7.32
52) T	Ethylbenzene	1.575	1.574	1.644	1.764	1.888	1.689	8.02

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.570	0.541	0.580	0.624	0.680	0.599	9.10
54) T	o-Xylene	0.542	0.561	0.585	0.645	0.677	0.602	9.49
55) T	Styrene	0.886	0.868	0.985	1.095	1.163	1.000	12.88
56) T	Isopropylbenzene	1.600	1.537	1.636	1.740	1.846	1.672	7.29
57) S	1,1,2,2-Tetrachloro	0.364	0.298	0.332	0.364	0.385	0.349	9.84
58) T	1,1,2,2-Tetrachloro	0.359	0.357	0.393	0.407	0.444	0.392	9.20
59)	1,2,3-Trichloroprop	0.269	0.257	0.265	0.275	0.298	0.273	5.67
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.297	0.304	0.318	0.354	0.378	0.330	10.44
62) T	1,3-Dichlorobenzene	1.336	1.429	1.392	1.545	1.637	1.468	8.30
63) T	1,4-Dichlorobenzene	1.370	1.341	1.412	1.556	1.648	1.465	8.98
64) S	1,2-Dichlorobenzene	0.956	0.782	0.815	0.869	0.888	0.862	7.80
65) T	1,2-Dichlorobenzene	1.332	1.390	1.354	1.534	1.574	1.437	7.65
66) T	1,2-Dibromo-3-chlor	0.106	0.107	0.133	0.150	0.154	0.130	17.71
67)	1,3,5-Trichlorobenz	0.832	0.868	0.940	1.046	1.111	0.959	12.26
68) T	1,2,4-trichlorobenz	0.634	0.549	0.760	0.906	0.976	0.765	23.40
69)	Naphthalene	1.825	1.521	1.627	2.116	2.227	1.863	16.35
70) T	1,2,3-Trichlorobenz	0.567	0.580	0.707	0.853	0.876	0.717	20.34

(#) = Out of Range